



Fisheries and Oceans  
Canada

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Canada

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July 8, 2011

*Your file*      *Votre référence*  
NWB : 3BC-NWT0810



*Our file*      *Notre référence*  
11-HCAA-CA7-00026

Richard Dwyer  
Nunavut Water Board  
P. O. Box 119  
Gjoa Haven, Nunavut  
X0E1J0

Dear Mr. Dwyer:

**Subject: Water License Renewal Application for North Watch Technology Program,  
Defence R&D Canada**

Fisheries and Oceans Canada - Fish Habitat Management Program (DFO) appreciates the opportunity to participate in the review of the application for a new Type B Water Licence for the above mentioned project proposal received on June 24, 2011. To expedite future correspondence or inquiries, please refer to the referral title and file number below when you contact us.

DFO File No.: **11-HCAA-CA7-00026**  
Title: **North Watch Technology Project, Devon Isl., Barrow Strait, Defence  
R&D Canada, Qikiqtani Region**

The proposal has been reviewed to determine whether it is likely to result in impacts to fish and fish habitat which are prohibited by the habitat protection provisions of the *Fisheries Act* or those prohibitions of the *Species at Risk Act* that apply to aquatic species.\*

We understand that the proposed project activities would include:

- Deployment of two bottom-mounted submarine acoustic arrays with 10km submarine cable to the research camp through an existing through-shore pipe.
- Temporary tent camp facilities;
- Fuel storage;
- Water use for camp activities;
- Disposal of sewage, greywater and waste generated from camp operations;

To reduce potential impacts to fish and fish habitat we are recommending the following mitigation measures be followed by the proponent:

\*Those sections most relevant to the review of development proposals include 20, 22, 32 and 35 of the *Fisheries Act* and sections 32, 33 and 58 of the *Species at Risk Act*. For more information please visit [www.dfo-mpo.gc.ca](http://www.dfo-mpo.gc.ca).

- Operate machinery in a manner that minimizes disturbance to the banks or bed of the waterbody.
  - Machinery is to arrive on site in a clean, washed condition and is to be maintained free of fluid leaks.
  - Wash, refuel and service machinery and store fuel and other materials for the machinery away from the water to prevent any deleterious substance from entering the water.
  - Keep emergency spill kit on site in case of fluid leaks or spills from machinery.
- All activities related to the project, should be controlled to prevent the entry of petroleum products, debris, or other deleterious substances into the water.
- Sediment and erosion control measures should be implemented prior to work and maintained during the work to prevent entry and movement of sediment in the water.
  - All disturbed areas should be stabilized as required upon completion of work and restored to a pre-disturbed state or better.

Provided that the additional mitigation measures described above are incorporated into the plans, DFO has concluded that the project is not likely to result in impacts to fish and fish habitat and there is no need to obtain a formal approval from DFO in order to proceed with your project.

I trust the information provided will be of assistance in the Nunavut Water Board's review of the North Watch technology Program, Defense R&D Canada. If you or the proponent have any questions concerning the above, or if my understanding of the proposal is either incorrect, incomplete, or if there are changes to the proposed work, contact the undersigned at (807) 468-6441 ext. 29, by fax at (807) 468-6973, or by email at lyndon.kivi@dfo-mpo.gc.ca.

Yours sincerely,



Lyndon Kivi  
Fish Habitat Biologist

Copy: Derrick Moggy, DFO Eastern Arctic Area  
Tamara Van Dyck, Defence Construction Canada